

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-017678**Date Inspected:** 29-Oct-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	Zhang Zhong	CWI Present:	Yes	No
Inspected CWI report:	Yes No N/A	Rod Oven in Use:	Yes No N/A	
Electrode to specification:	Yes No N/A	Weld Procedures Followed:	Yes No N/A	
Qualified Welders:	Yes No N/A	Verified Joint Fit-up:	Yes No N/A	
Approved Drawings:	Yes No N/A	Approved WPS:	Yes No N/A	
		Delayed / Cancelled:	Yes No N/A	
Bridge No:	34-0006	Component:	OBG Components	

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#19

FCAW welding of weld is identified as 2F-006 of BK004A1-005 for BK004A-005. The welder is identified as 062739. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132.

FCAW welding of weld is identified as 2F-002 of BK004A2-007 for BK004A-007. The welder is identified as 058734. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132.

FCAW welding of weld is identified as 2F-132 of BK004A5-006 for BK004A-006. The welder is identified as 062786. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132.

FCAW welding of weld is identified as 2F-084 of BK004A4-084 for BK004A-001. The welder is identified as 62732. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132.

ZPMC personnel performing repair welding of cut and re-weld misaligned stiffener is identified as X64DA the

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weld is identified as SB022-106-042 (PJP) and SB022-106-043/044 (Fillet) Of SB106W. The repair work is carrying with WR15247 dated on 10/27/10.

ZPMC personnel performing Heat straightening of Suspender bracket is identified as SB106E
The weld no is identified as SB023-106-003 is appeared to comply with HSR1 (B)-09727.

Flatness correction of bike path BK004A-003 bottom cover plate is in progress as per HSR1 (B)-9501.

This QA inspector performed MT 15% of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as OBG Bike path. The weld designations reviewed as follows.

BK4ASD1-007-007,008, 013, 009, 010, 026, 019,020, 015, 016.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Summary of Conversations:

No relevant Conversation.

Comments

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This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar, Chadra	Quality Assurance Inspector
Reviewed By:	Patel, Hiranch	QA Reviewer
